## AMENDMENTS

## IN THE CLAIMS:

Please cancel claims 1, 8-12, and 26-27 as provided below.

- 1-12. (Canceled).
- (Previously Presented) A method for partial coalescing transmit buffers comprising:

receiving an array of virtual buffers for a data packet;

mapping buffers of the array of virtual buffers to an array of physical buffers, wherein one or more of the physical buffers are associated with each of the virtual buffers:

analyzing the array of virtual buffers and the array of physical buffers for individual buffer sizes:

on the array of virtual buffers having a size greater than the array of associated physical buffers, selectively coalescing an initial number of buffers of the array of virtual buffers into a coalesced buffer; and

on the array of virtual buffers not having a size greater than the array of associated physical buffers, selectively coalescing an initial number of buffers of the array of physical buffers into the coalesced buffer.

- (Original) The method of claim 13, further comprising forming a coalesced array from the coalesced buffer and non-coalesced buffers of the array of physical buffers.
- 15. (Original) The method of claim 14, further comprising passing the coalesced array to a network device for transmission.

- 16. (Original) The method of claim 13, wherein the initial number of selected buffers to coalesce depends on an initial fragment size.
- (Original) The method of claim 13, wherein the coalesced buffer has a physical memory size and a physical address.
- 18. (Original) The method of claim 13, wherein the array of virtual buffers is received from host software.

## 19-22. (Canceled).

- 23. (Previously Presented) The method of claim 25, wherein the determined number of virtual buffers comprises a number of virtual buffers that have a total size associated therewith that is less than a predetermined size.
- 24. (Previously Presented) The method of claim 25, wherein the determined number of physical buffers comprises a number of virtual buffers that have a total size associated therewith that is less than a predetermined size.

25. (Previously Presented) A method for partial coalescing transmit buffers comprising:

obtaining a data packet from host software, wherein the data packet is located in an array of virtual buffers that each map to one or more physical buffers in a system memory;

analyzing the virtual buffers and the physical buffers associated with the data packet;

selectively copying either selected ones of the virtual buffers or selected ones of the physical buffers into a coalesced physical buffer based on the analysis; and wherein analyzing the virtual buffers and the physical buffers comprises:

coalescing a determined number of virtual buffers into the single physical coalesced buffer if the total size of the virtual buffers is greater than the total size of the physical buffers; and

coalescing a determined number of physical buffers into the single physical coalesced buffer if the total size of the virtual buffers is less than the total size of the physical buffers.

26-27. (Cancelled).